

Trial Report



Customer/Trial Information			
Customer reference	REZ	Trial Reference	PBL 20230831B
Company	Rezizt Ltd		
Address	Unit 13, The Beacon Centre, Solar Way, Solstice Park, Amesbury, Wiltshire, SP4 7SZ		
Contact/s	James Purves		
Contact email/s	JP@Rezizt.com		
Contact phone/s	07799710081		

Range, Staff and Equipment Details					
Test Range	PBL Range #1	Trial RCO/Lead	C Morgans	Reporting by	A Morgans
Ambient temp C	22.9	Relative humidity % 44%		Hygrometer used	Electronic
Thermometer used	Electronic	Muzzle>Chrono (m) 2.5			
Chronograph	Oehler Model 36	Chrono>Strike (m) 2.5		Screen separation	1.94
Projectile flight (m)	5	Sighting system	Laser	Witness System	0.5mm 2024 T3
Sample scale used	Ohaus Scale	Caliper used	Senator	Depth gauge if used	

Sample Information					
PBL Sample ID	REZ	WO 3105/2			
Sample Name (if applicable);		7 Layer Aramid			
Classification	Commercial	Sample weight (kg)	0.714	Thickness (mm)	
Sample layers from Strike Face to Rear face (if disclosed)	Layer 1	1 OXN			
	Layer 2	4 (90) PE			
	Layer 3	7 (750) aramid			
	Layer 4	4 (90) PE			
	Layer 5	1 OXN			
	Layer 6				
	Further layers				
Additional target build information	400 x 400mm engineered panel				

Threat Information				
Threat	Projectile	Stock#/Head Stamp	Test Standard, Level & Velocity	Test Barrel
1	1.1g Unskirted FSP	PBL-A-0063	v50 - AEP 2920	PBL-F-013
2				
3				
4				

Additional information	

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Results						
Sample ID	REZWO 3105/2	Sample Name	7 Layer Aramid			
Shot #	Threat	Measured velocity (m/s)	Result			
			Drag Corrected Velocity	Result / Comment		
1	1	475.37	451.98	Penetrate		
2	1	446.28	424.32	Penetrate		
3	1	429.01	407.90	Hold		
4	1	443.43	421.61	Hold		
5	1	465.90	442.98	Hold		
6	1	461.14	438.45	Hold		
7	1	465.00	442.12	Penetrate (just cracked witness)		
8						
9						
10						
11						
12						
13						
14		V ₅₀	436.91			
15		Spread	30.4			
16						
17						
18						
19						
20						
Additional notes on results						

Internal Use Only					
Trial date	31/08/2023	Trial Manager	C Morgans	Datasheet checked	C Morgans

This document is a test report not a certificate. The threat and setup detailed above has been arranged to the customer's specification which may or may not be sufficient for full compliance with any recognised standard/s. Where this report is accompanied by a PBL Certificate of compliance this is a supporting document only, and is designed to provide technical information. The results contained in this test report only apply to the samples tested and detailed. The publication of these results in any abridged or redacted form is not permitted without prior written approval by Precision Ballistics Laboratories Ltd and may result in legal action.